Work Orde September-23-1.				*107	7169*						Page 1
Revision ID:	D3017-11 Cap			Accept	*N900	<b>040</b>	100	<b>)*</b> s	Setup Star Stop	1 4	S1* S2*
Start Date: Required Date: Reference:	10/01/13 10/01/13	Start Qty: 5.00 Req'd Qty: 5.00	*5* *5*		Cust Item I Customer:	D:					
Approvals:		n: MLZ	Date: <u>\3-09-2</u> Date:			nte:		F	Run Star Stoj	1/1	R1* R2*
Sequence ID/ Work Center II		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	ision Nbr							Solar's .		
D3017	Rev	В									
*100*		FLOW WATER JET		0.00				5	0		Ae
Waterjet FLOW CNC Waterj	et u	Dwg Rev:_ Prog Rev:_		0.00							(3.12.
*110 *		2-Deburr if  QC2-Inspect parts off m		0.00				5	(ب		<u>L</u> i
*110* QC' Quality Control		Мето		0.00					0		13.12

											DQA:	Date:	·
NCR: Y	es/	/ No				WORK ORDER NON-	100	VFOR	MANCE / UP	DATE			
											QA Closed:	Date:	
Work Orde	٠r٠					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N	•					Rework Scrap			Skid-tube Machining	Crosstube Small Fab	4	Water Jet d. Eng. Coor.	Engineering Quality
NCR N	No.					Use-as-is Work Order Update	_	Thern	noforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root					Descri	ption of work order update		Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
			<u> </u>	········			AUL	LT CATE	GORY				
Landi	ng (	7			_	General		1		_	1		7
	_	Bending	at Cam		O/5	Bend BOM/Route	-	Grain		<u> </u>	Ovalized	<u> </u>	Pressure/Forced
1	1	Centre N	ot Conce	ntric to	U/S	BOM/Route		Hardwa	are	1	Over/Under	toierance	Temperature/Cure

Maintenance

Out of Calibration

Out of Sequence

**Outside Dimensions** 

Mislabeled

Misread

Offset

Inspection Incomplete

Instructions Incomplete/Unclear

Broken/Damaged

Contamination

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Burrs

Part Incorrect

Part Moved

Part Lost/Missing

Positioned Wrong

Power Loss/Surge

Wrong Stock Pulled

Weld

Other

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cracks

Cuffs

Heat Treat

Crushed/Crimped

Inspection Strip in Tube

Torque Waves in Extrusion

<b>Work Order ID 107169</b> September-23-13 11:16:04 AM		A STATE OF THE STA	*107169*									
Item ID: Revision ID: Item Name:	D3017-11 Cap			Accept	*N900	<u> </u>	100	)*	Setup	Start Stop	I VI	S1* S2*
Start Date: Required Date: Reference:	10/01/13	Start Qty: 5.00 Req'd Qty: 5.00	*5* *5*		Cust Item Customer:						IV.	
Approvals:	Process Pl	an:	Date:			Pate:			Run	Start Stop	1/1	R1* R2*
Sequence ID/ Work Center II 120 *120* QC Quality Control	)	Operation Description QC8- Inspect parts - second	ond check	Set Up/ Run Hours DAS 0.00 27 9 89 0.00 3	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
*130 *130* Packaging Packaging		Packaging Memo Identify and Location:	bag with light oil (Vac	0.00 0.00 tra oil #2), then Stock				DAS 32 9-89		/3/,	)s/16	6
140 * <b>1 1 1 1 1 1 1 1 1 1</b>		QC21- Final Inspection	- Work Order Release	0.00					./4	?m	13/12	2/18 ,

0.00

Memo

Quality Control

1 - 11/5/12/10

gineering Quality Other
QC Inspector
sure/Forced
perature/Cure
1
ng Stock Pulled
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er
1

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Page 1

Work Order ID:

107169

Parent Item:

Comments:

D3017-11

Parent Item Name:

Cap

. . . . . .

**Start Date:** 10/01/13

Required Date: 10/01/13

Start Qty: 5.00

Required Qty: 5.00

IPP Rev:A 08-04-14 now on water jet DD verified by:EC

verified by:JLM

IPP RevB: as per revB DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M4130NS.049 4130 Sheet .049		Purchased	No			100	sf	120.5903	0.004	0.0210525		k 13	3:12.1
				Location		Loc Qty	<u>Lo</u>	c Code					

 Location
 Loc Qty

 MAT020
 120.590263

 11612
 4.2

 123049
 17.340263

 124283
 99.05

24283-> 1021

											DQA:	Date:	
NCR:	⁄es	/ No				<b>WORK ORDER NON-</b>	100	NFORM	MANCE / UPDATE				,
											QA Closed:	Date:	
Work Orde	<b></b>					DISPOSITION			AGA	INST DE	PARTMENT,	/PROCESS	
VVOIR OTGE	-1.	·				Rework	1		Skid-tube Cross	tube	]	Water Jet	Engineering
Part N	No.					Scrap	1		Machining Smal		l Pro	d. Eng. Coor.	Quality
	•					Use-as-is	1	B .	~⊢	shing	4	re/Packaging	Other
NCR N	No.					Work Order Update	1		Large Fab Comp	~	1	Supplier	1
	_						_				4		
Root					Descri	ption of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty	` '	or Non-conformance	Ch	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data	Щ				1								
Equip/Tooling	Ш												
Operator	Ш												
Material	Ш												
Setup	Ш												
Other	Ш												
Process	Ш		ļ										
Supplier	Ш												
Training	Ц												
Unapproved	Ш		<u> </u>	<u> </u>		<u> </u>							
						F	AUI	LT CATE	GORY				
Landi	رت	1				General		,			7	_	-
	Bending		Bend		Grain		<u> </u>	Ovalized	_	Pressure/Forced			
	Ш			BOM/Route	<u>_</u>	Hardwa	re		Over/Under	tolerance	Temperature/Cure		
	$\vdash$	Cracks	<b>⊢</b>		Broken/Damaged		<b>⊣</b> `	on Incomplete	L	Part Incorrect		Weld	
	$\vdash$	Crushed/	Crimped			Burrs		-1	ions Incomplete/Unclear	<u> </u>	Part Lost/M	issing	Wrong Stock Pulled
1		Cuffs				Contamination	1	Mainte	enance		Part Moved		

Mislabeled

Out of Calibration
Out of Sequence

Outside Dimensions

Misread

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

Cut Too Short

Drill Holes

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	Work Order:	107169
Description: End Cap	Part Number:	D3017-11
Inspection Dwg: D3017 Rev: B		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

						1
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.750	+0.008/-0.001	.750			V	JKM-05
0.049	+/-0.010	.051			V	
· · · · · · · · · · · · · · · · · · ·						

			DAS	, <u> </u>	
Measured by:	Ae	Audited by:	<b>27</b>	Preliminary Approval:	
Date:	13:12-11	Date:	13/13/16	Date:	

Rev	Date	Change	Revised by	Approved
	08.10.09	New Issue	KJ/DD N	11/
В	12.10.04	Dwg Rev updated	KJ 🛠	-/-
	·		/ /	

	क्षेत्रकार जाता कर का स्थान क्षाका उपने शहर के प्राचन के प्राचन के प्राचन के प्राचन के प्राचन के प्राचन के प्र		L
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